

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 4:39 PM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 157 Const Calendar Day: 373 Date: 16-Sep-2010 Thursday

Inspector Name: Mathur, Lalit Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 06:30 am 05:30 pm Break: Over Time: 02:00

Federal ID:

Location:

Reviewer: Jefferson, Paul Approved Date: 13-Jan-12 Status: Approved

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather****Temperature** 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60**Precipitation** 0 **Condition**Working Day ☒ If no, explain:

|                             |                      |                      |   |
|-----------------------------|----------------------|----------------------|---|
| <b>04-0120F4</b>            | <b>Bid Item: 034</b> | <b>X-W2C-GTT.034</b> | <b>E-W Line Cross Over W2 Cap Stress &amp; Grout Transverse Tendons</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |   |
|                             |                      |                      |   |
| <b>04-0120F4</b>            | <b>Bid Item: 038</b> | <b>E-W2C-CON.038</b> | <b>E Line W2 Cap Place &amp; Cure Concrete</b>                          |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |   |
|                             |                      |                      |   |
| <b>04-0120F4</b>            | <b>Bid Item: 038</b> | <b>E-W2C-FPC.038</b> | <b>E Line W2 Cap Form &amp; Pour Closure Joint</b>                      |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |   |
|                             |                      |                      |   |
| <b>04-0120F4</b>            | <b>Bid Item: 038</b> | <b>W-W2C-CON.038</b> | <b>W Line W2 Cap Place &amp; Cure Concrete</b>                          |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |   |
|                             |                      |                      |   |
| <b>04-0120F4</b>            | <b>Bid Item: 038</b> | <b>W-W2C-FPC.038</b> | <b>W Line W2 Cap Form &amp; Pour Closure Joint</b>                      |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |   |
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| <b>04-0120F4</b>            | <b>Bid Item: 038</b> | <b>X-E2C-ESF.038</b> | <b>E-W Line Cross Over E2 Cap Erect Shoring &amp; Falsework</b>         |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |   |
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| <b>04-0120F4</b>            | <b>Bid Item: 049</b> | <b>0-000-000.049</b> | <b>BAR REINFORCING STEEL (BRIDGE)(EPOXY COATED)</b>                     |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |   |
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## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Mathur, Lalit

Diary #: 157

Date: 16-Sep-2010 Thursday

|                             |               |               |   |
|-----------------------------|---------------|---------------|---|
| 04-0120F4                   | Bid Item: 055 | W-L07-000.055 | W Line Lift 07 Furnish structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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|-----------------------------|---------------|---------------|---|
| 04-0120F4                   | Bid Item: 055 | W-L08-000.055 | W Line Lift 08 Furnish structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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|-----------------------------|---------------|---------------|---|
| 04-0120F4                   | Bid Item: 055 | E-L07-000.055 | E Line Lift 07 Furnish structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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|-----------------------------|---------------|---------------|---|
| 04-0120F4                   | Bid Item: 055 | E-L08-000.055 | E Line Lift 08 Furnish structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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| 04-0120F4                   | Bid Item: 056 | E-L01-OBG.056 | E Line Lift 01 OBG Erect structural steel |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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| 04-0120F4                   | Bid Item: 056 | W-L01-OBG.056 | W Line Lift 01 OBG Erect structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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| 04-0120F4                   | Bid Item: 056 | W-L02-OBG.056 | W Line Lift 02 OBG Erect structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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| 04-0120F4                   | Bid Item: 056 | W-L03-OBG.056 | W Line Lift 03 OBG Erect structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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| 04-0120F4                   | Bid Item: 056 | W-L04-OBG.056 | W Line Lift 04 OBG Erect structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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| 04-0120F4                   | Bid Item: 056 | W-L05-OBG.056 | W Line Lift 05 OBG Erect structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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Job Name: 04-0120F4

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|                             |               |               |   |
|-----------------------------|---------------|---------------|---|
| 04-0120F4                   | Bid Item: 056 | W-L06-OBG.056 | W Line Lift 06 OBG Erect structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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| 04-0120F4                   | Bid Item: 056 | E-L02-OBG.056 | E Line Lift 02 OBG Erect structural steel |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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| 04-0120F4                   | Bid Item: 056 | W-L08-OBG.056 | W Line Lift 08 OBG Erect structural steel (bridge box girder) |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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| 04-0120F4                   | Bid Item: 056 | X-L02-CBM.056 | E-W Line Cross Over Lift 02 Cross Beam |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |  |

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| 04-0120F4                   | Bid Item: 056 | X-L03-CBM.056 | E-W Line Cross Over Lift 03 Cross Beam |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |  |

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| 04-0120F4                   | Bid Item: 056 | E-L03-OBG.056 | E Line Lift 03 OBG Erect structural steel |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |   |

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| 04-0120F4                   | Bid Item: 056 | X-L04-CBM.056 | E-W Line Cross Over Lift 04 Cross Beam |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |  |

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| 04-0120F4                   | Bid Item: 056 | X-L05-CBM.056 | E-W Line Cross Over Lift 05 Cross Beam |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |  |

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| 04-0120F4                   | Bid Item: 056 | X-L06-CB1.056 | E-W Line Cross Over Lift 06 Cross Beam 1 |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |  |

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| 04-0120F4                   | Bid Item: 056 | X-L07-CB1.056 | E-W Line Cross Over Lift 07 Cross Beam 1 |
| AMERICAN BRIDGE/FLUOR, A JV |               |               |  |

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Job Name: 04-0120F4

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Date: 16-Sep-2010 Thursday

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| <b>04-0120F4</b>            | <b>Bid Item: 056</b> | <b>E-L04-OBG.056</b> | <b>E Line Lift 04 OBG Erect structural steel</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |  |

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| <b>04-0120F4</b>            | <b>Bid Item: 056</b> | <b>E-L05-OBG.056</b> | <b>E Line Lift 05 OBG Erect structural steel</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |  |

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| <b>04-0120F4</b>            | <b>Bid Item: 056</b> | <b>E-L06-OBG.056</b> | <b>E Line Lift 06 OBG Erect structural steel</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |  |

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| <b>04-0120F4</b>            | <b>Bid Item: 056</b> | <b>E-L06-ALB.056</b> | <b>E Line Lift 06 Align &amp; Bolt</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |  |

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| <b>04-0120F4</b>            | <b>Bid Item: 056</b> | <b>E-L06-WEL.056</b> | <b>E Line Lift 06 Weld</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |                            |

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| <b>04-0120F4</b>            | <b>Bid Item: 056</b> | <b>E-L07-OBG.056</b> | <b>E Line Lift 07 OBG Erect structural steel</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |  |

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| <b>04-0120F4</b>            | <b>Bid Item: 056</b> | <b>E-L07-ALB.056</b> | <b>E Line Lift 07 Align &amp; Bolt</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |  |

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| <b>04-0120F4</b>            | <b>Bid Item: 056</b> | <b>E-L07-WEL.056</b> | <b>E Line Lift 07 Weld</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |                            |

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| <b>04-0120F4</b>            | <b>Bid Item: 056</b> | <b>E-L08-OBG.056</b> | <b>E Line Lift 08 OBG Erect structural steel</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |  |

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| <b>04-0120F4</b>            | <b>Bid Item: 056</b> | <b>E-L08-ALB.056</b> | <b>E Line Lift 08 Align &amp; Bolt</b> |
| AMERICAN BRIDGE/FLUOR, A JV |                      |                      |  |



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**04-0120F4 Bid Item: 056 E-L08-WEL.056 E Line Lift 08 Weld**  
AMERICAN BRIDGE/FLUOR, A JV

**04-0120F4 Bid Item: 060 E-W2C-WDS.060 E Line W2 Cap West Deviation Saddle**  
AMERICAN BRIDGE/FLUOR, A JV

**04-0120F4 Bid Item: 060 W-W2C-WDS.060 W Line W2 Cap West Deviation Saddle**  
AMERICAN BRIDGE/FLUOR, A JV

**04-0120F4 Bid Item: 060 X-W2C-JKS.060 E-W Line Cross Over W2 Cap Jacking Saddle**  
AMERICAN BRIDGE/FLUOR, A JV

**04-0120F4 Bid Item: 060 W-E2C-ESA.060 W Line E2 Cap East Saddle**  
AMERICAN BRIDGE/FLUOR, A JV

### Diary:

Dispute

#### General Comments **060 W-E2C-ESA.060**



W2 Foundation Well Cover Slabs (Item 38):

·CONCO carpenters dismantelled the form work and casting beds prepared for the cover slabs. These were hauled away.

W2 HRC Couplers installation for Bike Path Brackets

·CONCO people continued to build the working platform for installing the HRC couplers for oart of the day.  
·ABF/CMC had one iron worker today to install the HRC coupler rebars.  
·He only installed a few rebars. Some the rebars were found to be too long for the SW bracket pad for the bike path.  
·CONCO people built another plateform for the S-E bracket for iron workers to start working there.

CCO 153 Hinge K Bearings Machining in the Field

·ABF continues to perform machining the Hinge K Pipe beams.  
·It continued the 1st machining at 7.5 degree and started on the rough part of the 2nd machining at 15 degree. It finished the machining of the 1st pipe beam around noon time. Bob Brignano accepted the work.  
·ABF had only one guy working. The machining was being done as 3/1000 inch per revolution as the rough finish.  
·ABF started to prepare for machining the 2nd pipe beam on 9/14/10 and worked on machining of the 2nd pipe beam till close.  
·ABF continues to machine the 2nd pipe beam.  
·Today, ABF gave direction to the machining iron worker to speed up the grinding process. He changed the assdemby to use a larger grinding bit.



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### Erect Deviation Saddle Erection Activities (Item 60)

- ABF moved two Deviation Saddle W2W3 and W2W2 (for installation on north side) in the general working area on 9/13/10.
- ABF also moved Jacking Saddle in the general working area on 9/13/10.
- ABF removed the cover of W2W3 this morning at the bottom.
- ABF's foreman Scott for Deviation Saddles and Lalit looked at the base hole pattern. We looked at the same on top of W2 and these looked as matching. No measurements were made.
- On 9/14/10 at end of the day, ABF laid the Saddle side ways to check on other sides.
- Today ABF lifted the Deviation Saddle W2W2 and placed on the cradle in preparation for possibly lifting this week.
- ABF had a crew of 5 Iron Workers and two operators/oiler as below:
  - oJerry Kabal F/m
  - oRoberto H Zeleda
  - oGabriel Reis
  - oJohnny Cazicies
  - oRich Garcia
  - oBill Alger, OP
  - oScott Ross, Oiler
- ABF tested the lifting of the Deviation Saddle today. ABF attached a spreader beam and test lifted the assembly by close of the day.

### Pier 7 Activities (Item 55)

- ABF continues to work on 7-W & 8-W.
- ABF continues to work on cross beams CB-7 and CB-8.
- The Lifting Frame was taken to job site and brought back.

### Activities at Site (Item 56):

- ABF was working on Bolting and welding operation between Lift 6-E and 7-E.
- ABF completed bolting operation of Temporary Truss on 9/16/10.
- On 9/14/10, ABF lifted Cross Beam CB-7. It brought CB-7 to the site at about 9 AM and erected it using the auxiliary hook of the Shear Leg Crane. By 12 Noon, the CB-7 was touching the OBG Lift 7-E top flange and was temporarily held in position using pins and bolts. In the afternoon, shear bolts were/pins were inserted on the sides and bottom flange and the Shear leg Crane was released around 1:30 PM.
- On 9/15/10, ABF placed Cross Beam CB-8.
- Today 9/16/10, ABF placed the cradle for OBG Lift 7-W on the W-Line truss.
- ABF kept setting the cradle pieces.

### Miscellaneous Activities

- Paul mentioned that the Lift 7-W will be lifted on Saturday. I informed that myself and Philip will cover it. David Bradd will also help as needed.